

> Denotes revised material in this JPM

JOB PERFORMANCE MEASURE

TASK CODE: CFO-119

TASK: Operate an Air Sampler

NAME: _____

>BADGE: _____

>REFERENCES: Only references for knowledge items are listed here. The trainee is expected to identify the correct references for practical items.

1. WP 12-HP3500, Airborne Radioactivity
2. WP 12-HP1300, Radiological Monitoring Equipment
- >3. RMOO SDD

TERMINAL OBJECTIVE:

>Given that either a PAS or FAS air sample is required, change the filters and operate an air sampler per WP 12-HP3500 and WP 12HP-1300.

CONSEQUENCES OF INADEQUATE PERFORMANCE:

Improper air sample

HAZARDS (PERSONNEL/EQUIPMENT STATUS):

>Internal personnel exposure

PRE-REQUISITE TRAINING/ TASK COMPLETION:

1. CL 1.00 Series
- >2. CL 2.06, Air Sampling Program/Methods
- >3. CL 2.18, Air Sampling Equipment

TOOLS/EQUIPMENT (MATERIALS REQUIRED):

- | | |
|--------------------------|-------------------------|
| 1. Air Sample Filters | 4. Forceps/tweezers |
| 2. Air Sample Data Sheet | 5. Portable Air Sampler |
| 3. Sample containers | >6. Fixed Air Sampler |

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Instructions to Trainee: You shall acquire the necessary references and equipment, and complete all required documentation. Knowledge requirements shall be completed with 80% or greater accuracy. Critical step performance shall be completed with 100% accuracy.

Instructions to JPM Evaluator: The trainee is to perform the terminal objective, without assistance, on the job site. Provide clarification of requirements if requested by the trainee. You are encouraged to ask relevant questions to verify trainee understanding. If the trainee fails this JPM, clearly document the reason for failure and forward to the trainee's manager. Successful completion of this JPM shall be recorded on the trainee's qualification card.

>On performance items, if there is more than one means available to accomplish the step, circle the method used. Refer to the RCT-01 Qualification Standard for preference of use.

KNOWLEDGE REQUIREMENTS:

Reference	Knowledge Requirement	Pass/Fail
1	Describe the basic operation of a portable air sampler (PAS).	
3	Describe the basic operation of the fixed air sampling system (FAS).	
1	Define "Worker Breathing Zone"	
2	Discuss your actions if the air flow to an air sample is secured before the filter is collected.	
2	State the reason for not changing EMS filters if there is no vacuum.	
2	Discuss your actions if a FAS filter is pulled down the 3-way splitter of an EMS skid.	
2	State your actions when a FAS does not operate properly.	
2	State your actions if the flow rate is less than 1.8 cfm on skid A-3.	
2	Describe the process for changing filters on Skid A-3.	
2	Define and describe the effects of gravimetrics.	

PERFORMANCE REQUIREMENTS:

>Method	Performance Requirement	Pass/Fail
	PAS OPERATIONS	
P	Perform a physical inspection of the air sampler. #	

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>Method	Performance Requirement	Pass/Fail
P	Load a filter into the air sampler. #	
P	Place air sampler in worker breathing zone (if applicable). #	
P	Adjust the flow rate of the air sampler (if applicable).#	
P	Record start and stop times, and flow rate.#	
P	Transfer filter to appropriate area for analysis. #	
	CHANGING FAS FILTERS	
P	Notify the CMR prior to filter replacement #	
P	Record the initial and final information on the air sample data sheet. #	
P	Perform a gravimetrics on a clean and a loaded sample. #	
P	Remove the loaded filter without disturbing the collection area. .#	
P	Perform a FAS air leakage test. #	
P	Install a clean filter. #	
P	Verify correct flow rate and correct if not correct. #	
P	Store the filter for recounting. #	

indicates a critical step

FINAL EVALUATION:

PASS

FAIL

COMMENTS:

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EVALUATOR SIGNATURE: _____ DATE: _____

TRAINEE SIGNATURE: _____ DATE: _____

MANAGER SIGNATURE: _____ DATE: _____